

Technical Manual

S312

Studio Series

JBL

ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance 8 ohms
- Max Amp Power 250 watts
- Frequency Response 35 Hz - 20 kHz
- Sensitivity 92 dB (1 watt @ 1 meter)
- Crossover Frequency 750 Hz, 3000 Hz

SYSTEM COMPONENTS:

- Enclosure S312 (Not for sale)
- Grille 335147-002
- Low Frequency Transducer 12" PolyPlas™ Shielded (335151-001)
DC Resistance 5.6 ohms $\pm 10\%$
- Mid Frequency Transducer 4" PolyPlas™ Shielded (335439-001)
DC Resistance 4.3 ohms $\pm 10\%$
- High Frequency Transducer 1" (25mm) Titanium dome Shielded (335663-001)
DC Resistance 3.4 ohms $\pm 10\%$
- Crossover Network 335412-001

AURAL SWEEP TEST SPECIFICATIONS:

- A. System Aural Sweep Test 6.0V Input 30 Hz to 20 kHz
- B. L.F. Aural Sweep Test 6.0V Input 30 Hz to 1 kHz
- C. M.F. Aural Sweep Test 4.0V Input 500 Hz to 4 kHz
- D. H.F. Aural Sweep Test 2.83V Input 3 kHz to 20 kHz

PHYSICAL SPECIFICATIONS:

- Enclosure dimensions: 41" x 16" x 12 $\frac{7}{8}$ " (H x W x D)
1041mm x 406mm x 327mm
- Weight 68 lbs. /31kg Each

WARRANTY:

- Refer to Warranty Statement packed with each product.

PACKAGING

Upper/Lower
Foam
335408-001

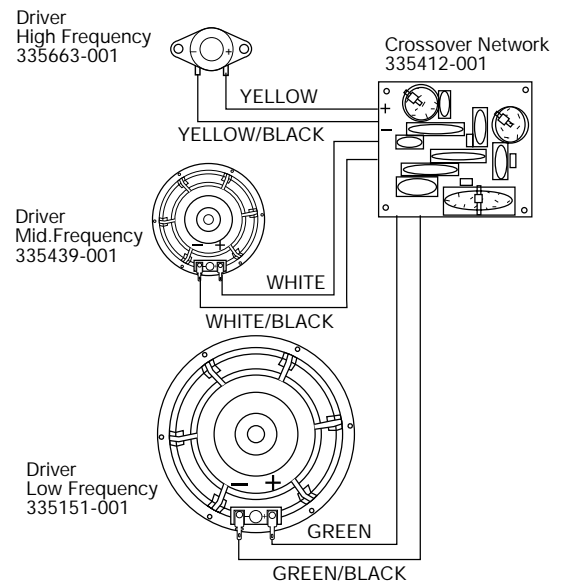
Microfoam
(2pcs.)



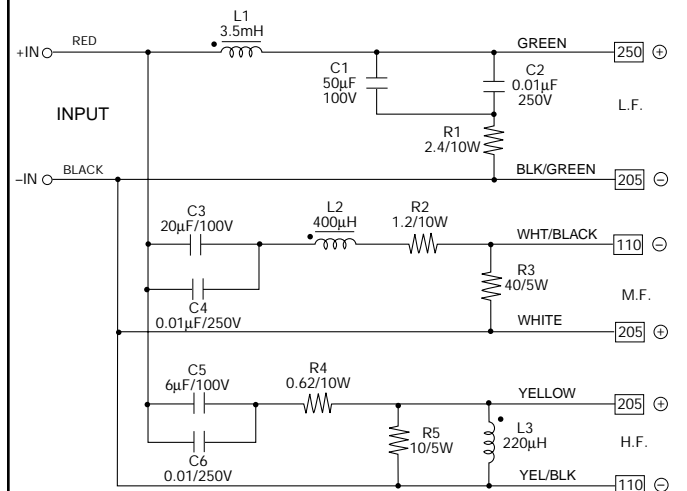
Owner's Manual
335404-001
Warranty Card
331994-001
Survey Card
331384-001

Outer Carton
335403-001

WIRING DIAGRAM



S312 SCHEMATIC



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EXPLODED VIEW

